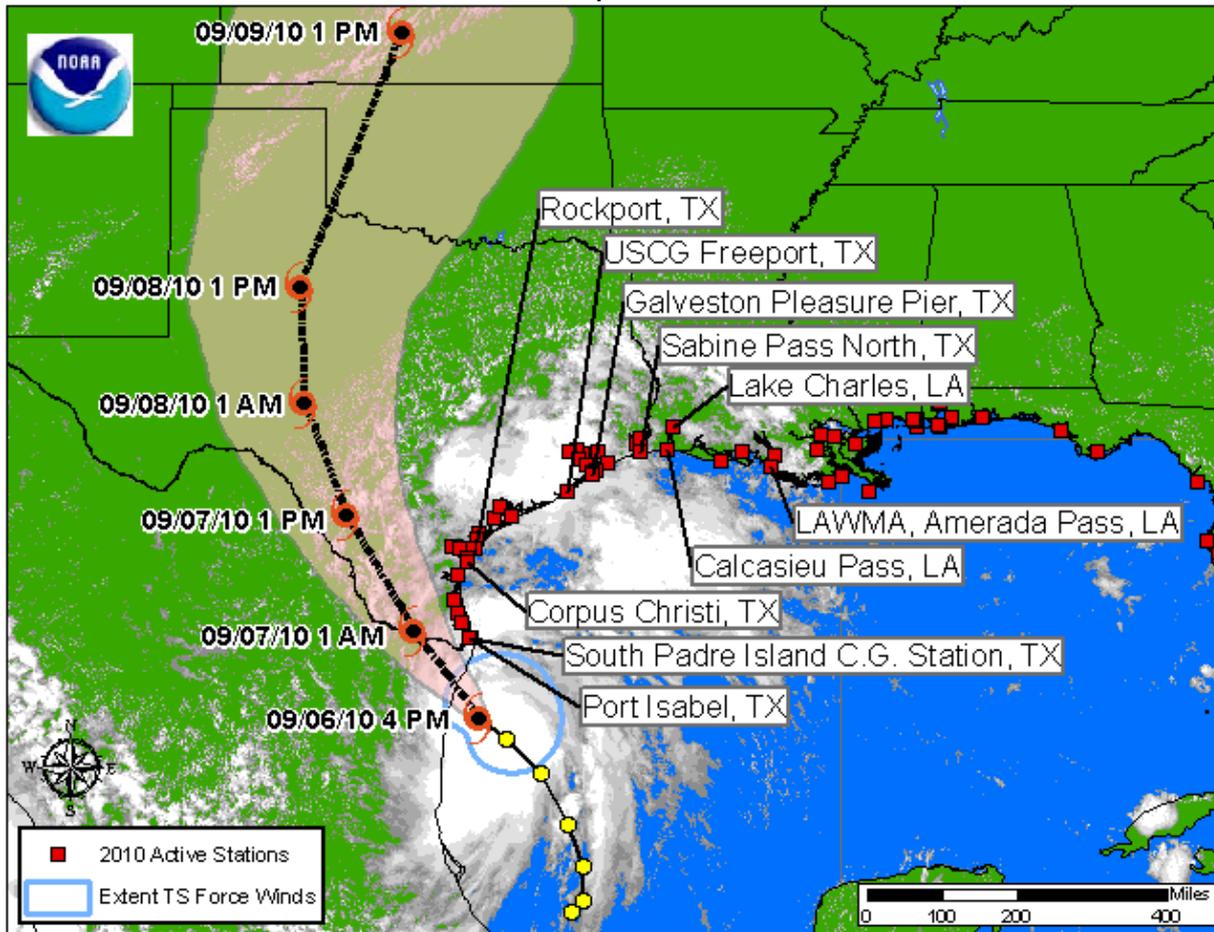




Tropical Storm HERMINE QuickLook  
Posted: 17:00 CDT 09/06/2010

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 09/06/2010 17:00 CDT, water levels from southern Texas to central Louisiana are rising and range from roughly 1.0 to 2.0 feet above predicted. Wind speeds generally range from 10 to 20 knots with some gusts over 30 knots recorded at Galveston Pleasure Pier and Sabine Pass North, TX. Barometric pressure is gradually falling across southern Texas.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tides are 1.34 ft (0.41 m) at 09/07/2010 04:46 CDT and 1.43 ft (0.44 m) at 09/07/2010 14:35 CDT.

South Padre, TX: Next predicted high tides are 1.17 ft (0.36 m) at 09/07/2010 04:30 CDT and 1.34 ft (0.41 m) at 09/07/2010 14:05 CDT.

Corpus Christi, TX: Next predicted high tides are 1.67 ft (0.51 m) at 09/07/2010 03:58 CDT and 1.72 ft (0.53 m) at 09/07/2010 13:49 CDT.

Rockport, TX: Next predicted high tides are 0.45 ft (0.14 m) at 09/07/2010 15:32 CDT and 0.37 ft (0.11 m) at 09/08/2010 07:29 CDT.

USCG Freeport, TX: Next predicted high tides are 1.77 ft (0.54 m) at 09/07/2010 04:00 CDT and 1.70 ft (0.52 m) at 09/07/2010 14:29 CDT.

Galveston Pleasure Pier, TX: Next predicted high tides are 2.28 ft (0.70 m) at 09/07/2010 03:46 CDT and 2.14 ft (0.65 m) at 09/07/2010 14:46 CDT.

Sabine Pass North, TX: Next predicted high tides are 1.81 ft (0.55 m) at 09/07/2010 03:47 CDT and 1.91 ft (0.58 m) at 09/07/2010 14:56 CDT.

Calcasieu Pass, LA: Next predicted high tides are 2.19 ft (0.67 m) at 09/07/2010 03:07 CDT and 2.22 ft (0.68 m) at 09/07/2010 13:57 CDT.

Lake Charles, LA: Next predicted high tides are 1.11 ft (0.34 m) at 09/06/2010 18:25 CDT and 1.14 ft (0.35 m) at 09/07/2010 08:31 CDT.

LAWMA Amerada Pass, LA: Next predicted high tides are 1.37 ft (0.42 m) at 09/07/2010 04:26 CDT and 1.41 ft (0.43 m) at 09/07/2010 15:18 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:PFF

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**TROPICAL STORM HERMINE ADVISORY NUMBER 4**

**400 PM CDT MON SEP 06 2010**

**...HERMINE NEARING THE COAST...SHOULD MAKE LANDFALL TONIGHT...**

**WATCHES AND WARNINGS**  
-----

**A HURRICANE WATCH IS IN EFFECT FOR...**

**\* RIO SAN FERNANDO MEXICO NORTHWARD TO BAFFIN BAY TEXAS**

**A TROPICAL STORM WARNING IS IN EFFECT FOR...**

**\* LA CRUZ MEXICO NORTHWARD TO PORT OCONNOR TEXAS**

**A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...IN THIS CASE WITHIN ABOUT 24 HOURS.**

**A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA...IN THIS CASE WITHIN ABOUT 24 HOURS.**

**FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.**

**DISCUSSION AND 48-HOUR OUTLOOK**

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**AT 400 PM CDT THE CENTER OF TROPICAL STORM HERMINE WAS LOCATED ABOUT 100 MI SSE OF BROWNSVILLE TEXAS. HERMINE IS MOVING TOWARD THE NORTH-NORTHWEST NEAR 15 MPH...24 KM/HR...AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT DAY OR TWO. ON THE FORECAST TRACK THE CENTER WILL MAKE LANDFALL ON THE COAST OF NORTHEASTERN MEXICO OR EXTREME SOUTHERN TEXAS IN THE WARNING AREA TONIGHT...AND MOVE INLAND OVER SOUTHERN TEXAS ON TUESDAY AND INTO CENTRAL TEXAS ON WEDNESDAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. SOME STRENGTHENING IS POSSIBLE...AND HERMINE COULD APPROACH HURRICANE STRENGTH PRIOR TO LANDFALL.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES FROM THE CENTER.**

**THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE RESERVE HURRICANE HUNTER IS 992 MB...29.29 INCHES.**

**HAZARDS AFFECTING LAND**

-----  
**WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO REACH THE WARNING AREA LATER TODAY.**

**STORM SURGE...STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 2 TO 4 FEET ABOVE GROUND LEVEL ALONG THE IMMEDIATE COAST NEAR AND TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.**

**RAINFALL...HERMINE IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 4 TO 8 INCHES OVER NORTHEASTERN MEXICO AND SOUTH TEXAS WITH ISOLATED MAXIMUM AMOUNTS OF 12 INCHES POSSIBLE. THESE RAINS COULD CAUSE LIFE-THREATENING FLASH FLOOD AND MUDSLIDES.**

**TORNADOES...ISOLATED TORNADOES ARE POSSIBLE ALONG THE LOWER AND MIDDLE TEXAS COAST BEGINNING THIS EVENING...AND CONTINUING OVERNIGHT.**

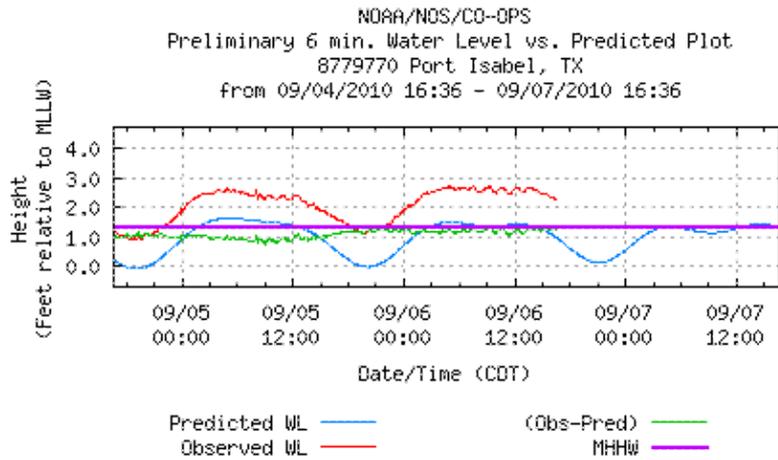
**FORECASTER PASCH/CANGIALOSI**

Tropical Storm HERMINE QuickLook, POSTED 17:00 CDT 09/06/2010

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

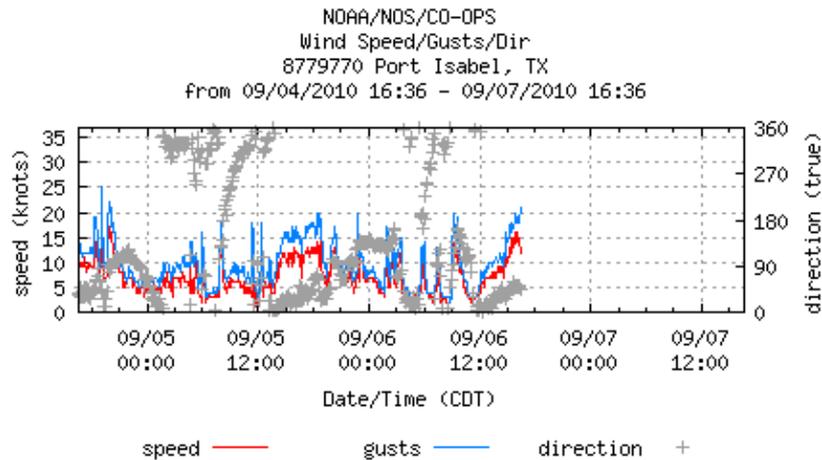
Jump to: [Port Isabel - Water Level](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Port Isabel - Air/Water Temp](#), [South Padre Island C.G Station - Water Level](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [USCG Freeport - Air/Water Temp](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Calcasieu Pass - Water Level](#), [Lake Charles - Water Level](#), [Lake Charles - Barometric](#), [LAWMA](#), [Amerada Pass - Water Level](#), [LAWMA](#), [Amerada Pass - Winds](#),

**Port Isabel, TX** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
 Relative to **MLLW**: **Observed: 2.24 ft.** **Predicted: 0.98 ft.** **Residual: 1.26 ft.**  
 Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above **MHHW**

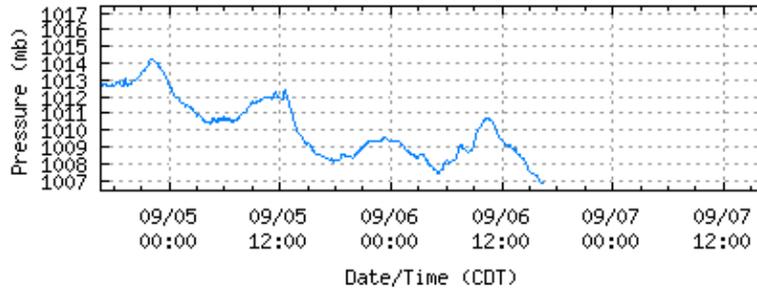
**Port Isabel, TX** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
**Wind Speed: 12 knots** **Gusts: 21 knots** Direction: 043° T

**Port Isabel, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8779770 Port Isabel, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36



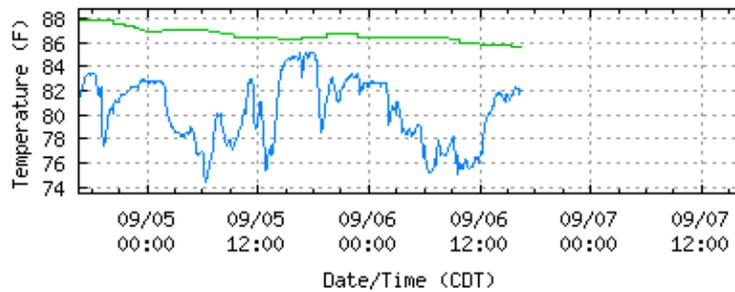
barometric pressure —

**Last Observed Sample: 09/06/2010 16:24 (CDT)**

**Barometric Pressure: 1006.9 mb**

**Port Isabel, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Air/Water Temperature Plot  
8779770 Port Isabel, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36

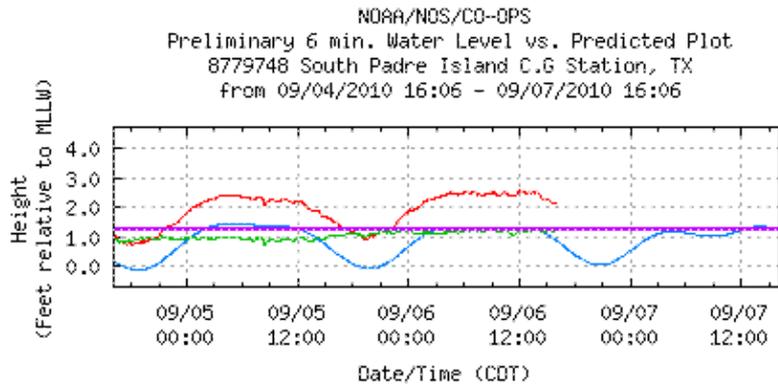


water temp. — air temp —

**Last Observed Sample: 09/06/2010 16:24 (CDT)**

**Water Temperature: 85.6° F Air Temperature: 82.0° F**

**South Padre Island C.G Station, TX** - [Return to List](#)



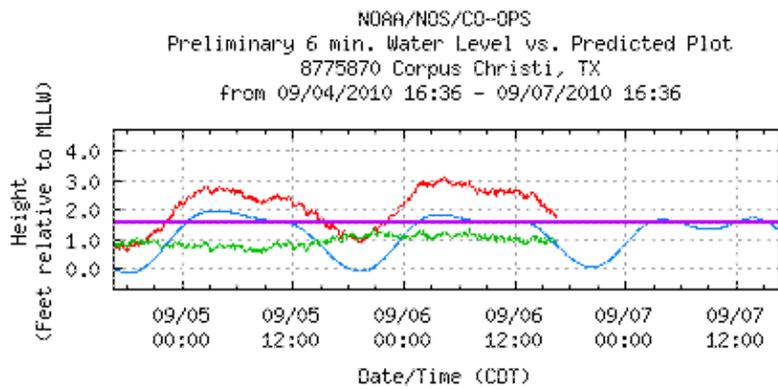
Predicted WL ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

Last Observed Sample: 09/06/2010 15:54 (CDT)

Relative to **MLLW**: **Observed: 2.11 ft. Predicted: 0.88 ft. Residual: 1.23 ft.**

Historical Maximum Water Level: , 0 ft. above **MHHW**

**Corpus Christi, TX** - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

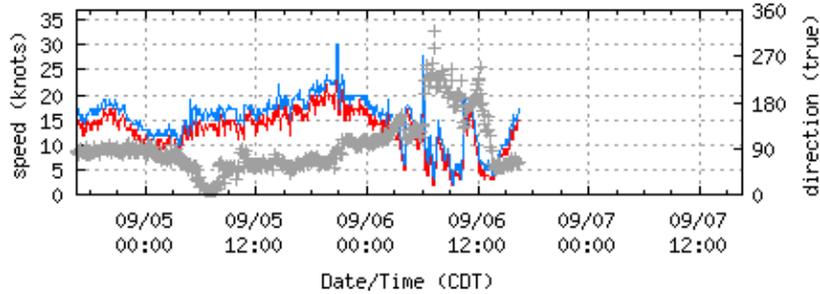
Last Observed Sample: 09/06/2010 16:24 (CDT)

Relative to **MLLW**: **Observed: 1.73 ft. Predicted: 0.83 ft. Residual: 0.90 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above **MHHW**

**Corpus Christi, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Wind Speed/Gusts/Dir  
8775870 Corpus Christi, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36



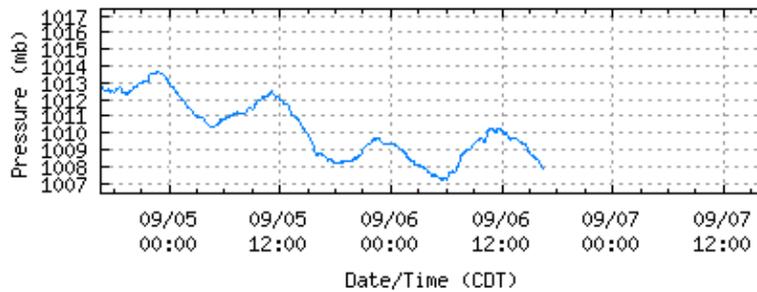
speed — gusts — direction +

Last Observed Sample: 09/06/2010 16:24 (CDT)

Wind Speed: 15 knots Gusts: 17 knots Direction: 063° T

**Corpus Christi, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8775870 Corpus Christi, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36



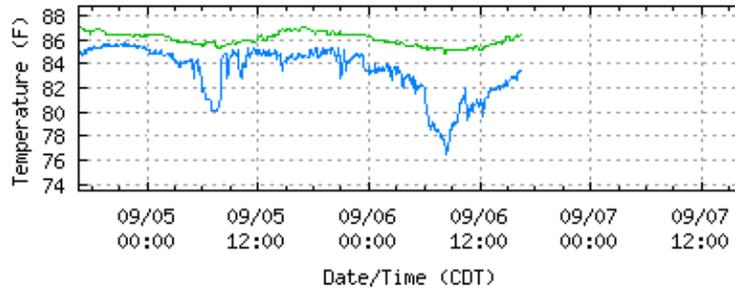
barometric pressure —

Last Observed Sample: 09/06/2010 16:24 (CDT)

Barometric Pressure: 1007.9 mb

**Corpus Christi, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Air/Water Temperature Plot  
 8775870 Corpus Christi, TX  
 from 09/04/2010 16:36 - 09/07/2010 16:36



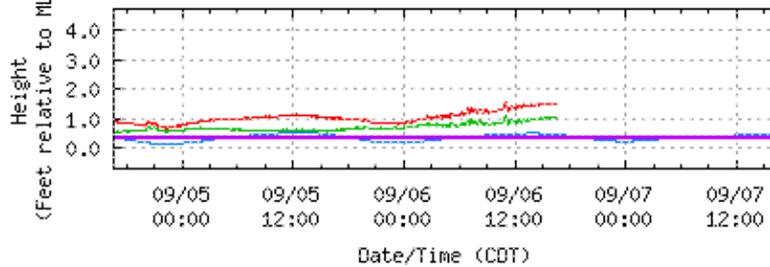
water temp. — air temp —

Last Observed Sample: 09/06/2010 16:24 (CDT)

Water Temperature: 86.4° F Air Temperature: 83.5° F

**Rockport, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8774770 Rockport, TX  
 from 09/04/2010 16:36 - 09/07/2010 16:36



Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

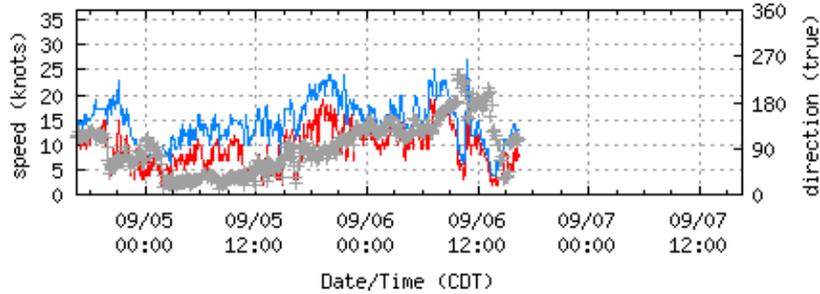
Last Observed Sample: 09/06/2010 16:24 (CDT)

Relative to **MLLW**: Observed: 1.46 ft. Predicted: 0.45 ft. Residual: 1.01 ft.

Historical Maximum Water Level: Aug 10 1980, 3.74 ft. above **MHHW**

**Rockport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Wind Speed/Gusts/Dir  
8774770 Rockport, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36



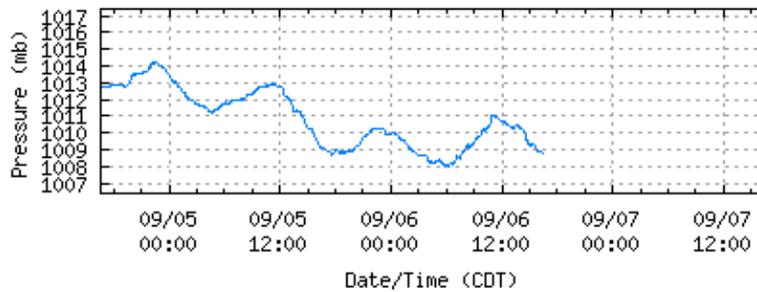
speed — gusts — direction +

Last Observed Sample: 09/06/2010 16:24 (CDT)

Wind Speed: 8 knots Gusts: 13 knots Direction: 106° T

**Rockport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8774770 Rockport, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36

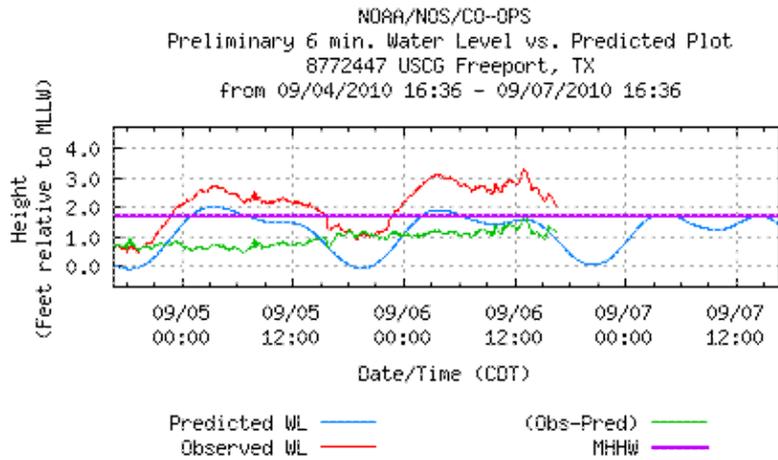


barometric pressure —

Last Observed Sample: 09/06/2010 16:24 (CDT)

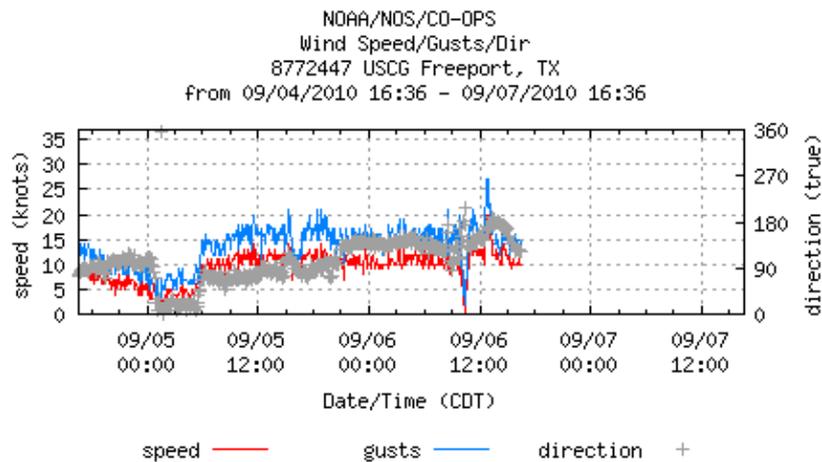
Barometric Pressure: 1008.8 mb

**USCG Freeport, TX** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
 Relative to **MLLW**: **Observed: 2.07 ft. Predicted: 0.93 ft. Residual: 1.14 ft.**  
 Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above **MHHW**

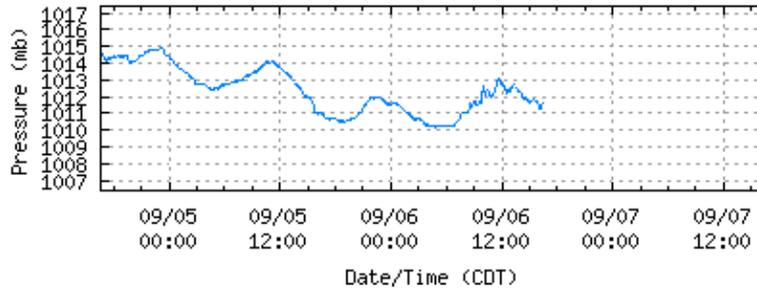
**USCG Freeport, TX** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
**Wind Speed: 10 knots Gusts: 14 knots Direction: 124° T**

**USCG Freeport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8772447 USCG Freeport, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36



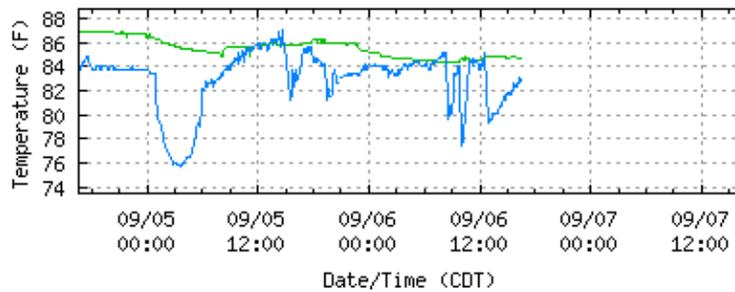
barometric pressure —

**Last Observed Sample: 09/06/2010 16:24 (CDT)**

**Barometric Pressure: 1011.6 mb**

**USCG Freeport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Air/Water Temperature Plot  
8772447 USCG Freeport, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36

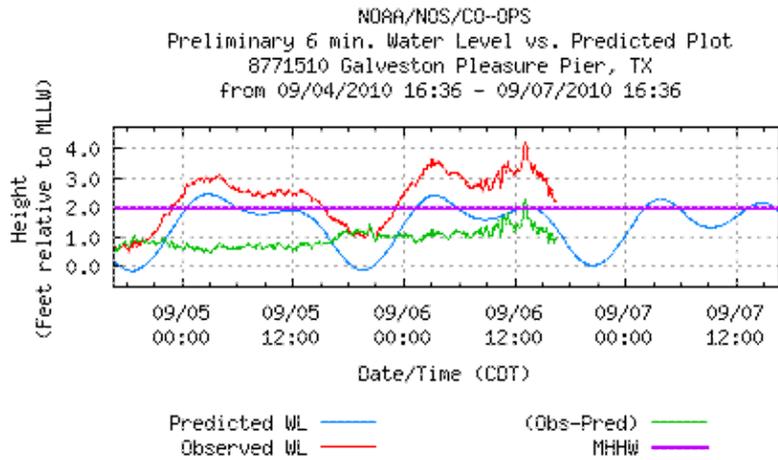


water temp. — air temp —

**Last Observed Sample: 09/06/2010 16:24 (CDT)**

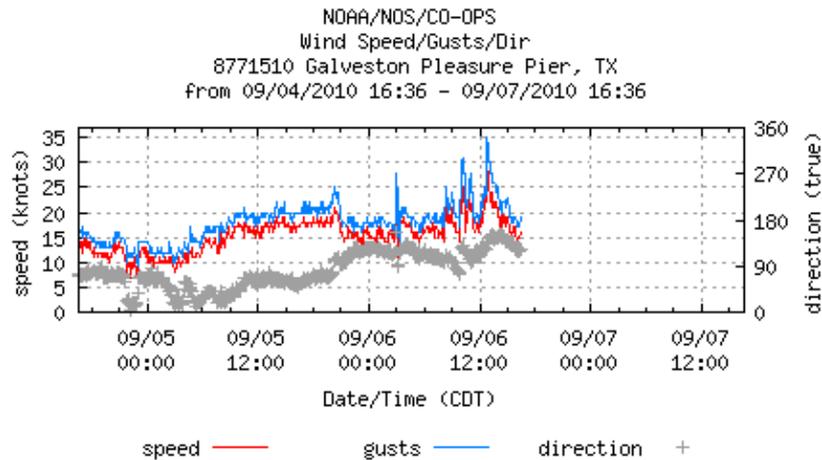
**Water Temperature: 84.7° F Air Temperature: 82.8° F**

**Galveston Pleasure Pier, TX** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
 Relative to **MLLW**: **Observed: 2.21 ft. Predicted: 1.31 ft. Residual: 0.90 ft.**  
 Historical Maximum Water Level: Sep 11 1961, 7.16 ft. above **MHHW**

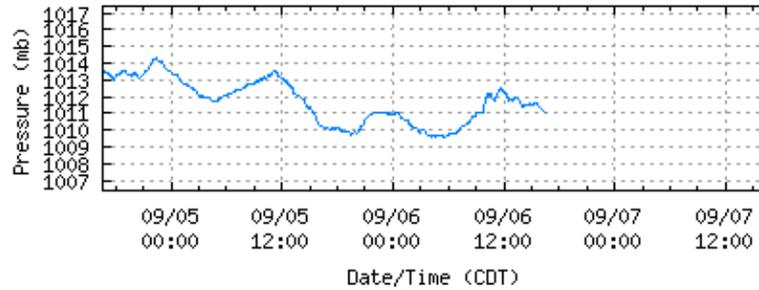
**Galveston Pleasure Pier, TX** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
**Wind Speed: 16 knots Gusts: 19 knots Direction: 124° T**

**Galveston Pleasure Pier, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8771510 Galveston Pleasure Pier, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36



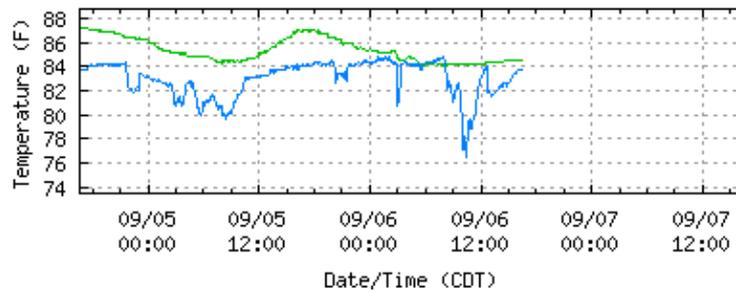
barometric pressure —

**Last Observed Sample: 09/06/2010 16:24 (CDT)**

**Barometric Pressure: 1011.1 mb**

**Galveston Pleasure Pier, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8771510 Galveston Pleasure Pier, TX  
from 09/04/2010 16:36 - 09/07/2010 16:36

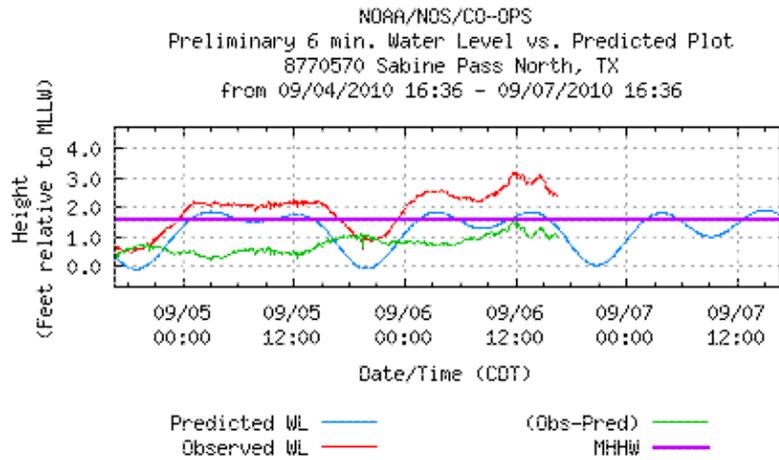


water temp. — air temp —

**Last Observed Sample: 09/06/2010 16:24 (CDT)**

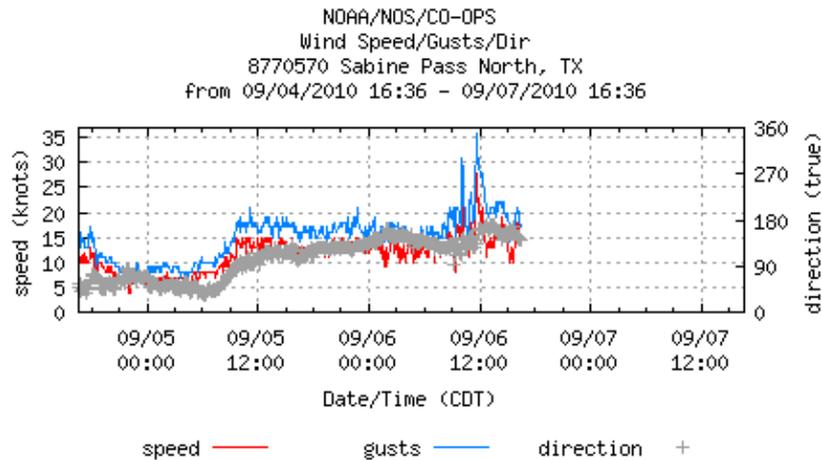
**Water Temperature: 84.6° F Air Temperature: 83.8° F**

**Sabine Pass North, TX** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
 Relative to **MLLW**: **Observed: 2.38 ft. Predicted: 1.34 ft. Residual: 1.04 ft.**  
 Historical Maximum Water Level: Sep 11 1998, 3.32 ft. above **MHHW**

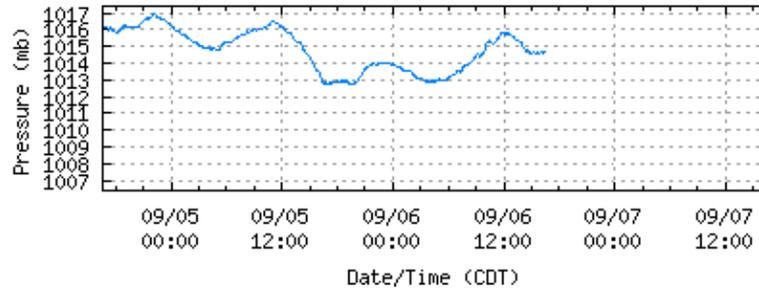
**Sabine Pass North, TX** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
**Wind Speed: 15 knots Gusts: 17 knots Direction: 140° T**

**Sabine Pass North, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Barometric Pressure Plot  
 8770570 Sabine Pass North, TX  
 from 09/04/2010 16:36 - 09/07/2010 16:36



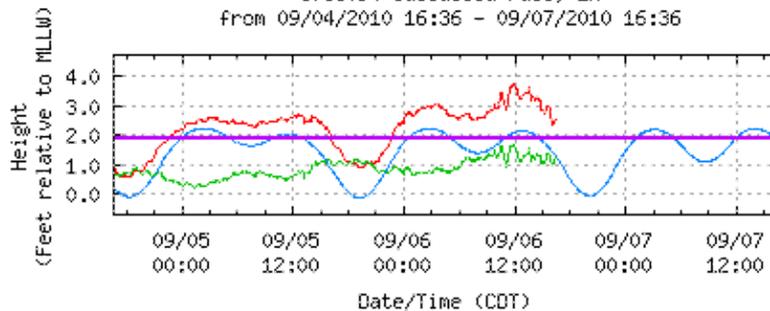
barometric pressure —

Last Observed Sample: 09/06/2010 16:24 (CDT)

Barometric Pressure: 1014.7 mb

**Calcasieu Pass, LA** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8768094 Calcasieu Pass, LA  
 from 09/04/2010 16:36 - 09/07/2010 16:36



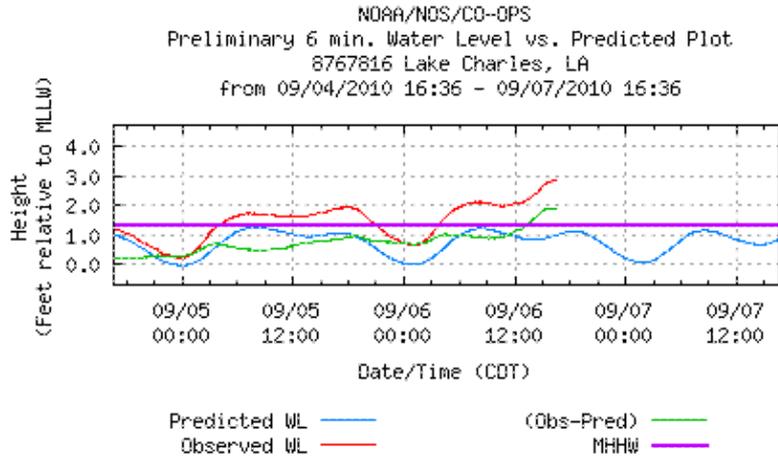
Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

Last Observed Sample: 09/06/2010 16:24 (CDT)

Relative to **MLLW**: **Observed: 2.52 ft.** **Predicted: 1.28 ft.** **Residual: 1.24 ft.**

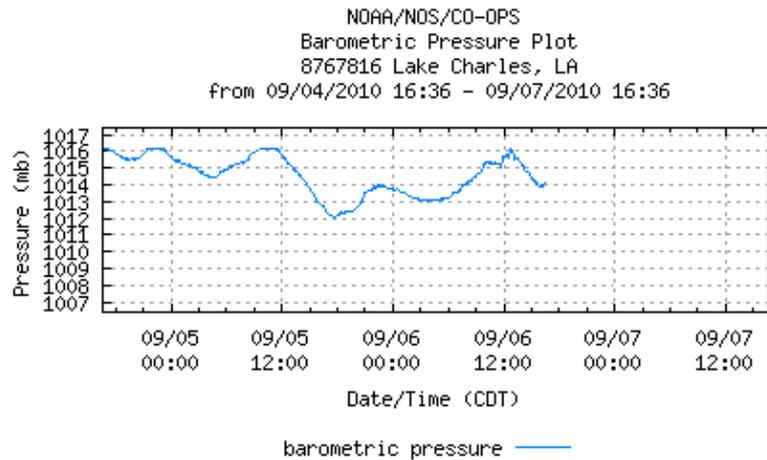
Historical Maximum Water Level: Sep 13 2008, 9.95 ft. above **MHHW**

**Lake Charles, LA** - [Return to List](#)



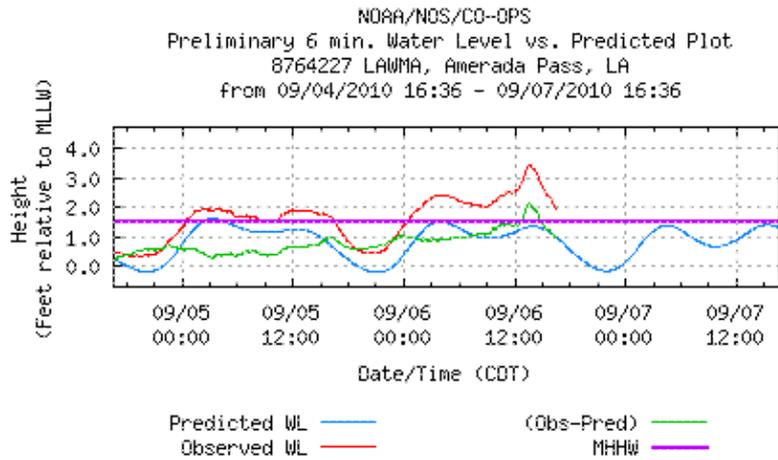
Last Observed Sample: 09/06/2010 16:24 (CDT)  
 Relative to **MLLW**: **Observed: 2.85 ft. Predicted: 0.97 ft. Residual: 1.88 ft.**  
 Historical Maximum Water Level: Oct 16 2006, 2.24 ft. above **MHHW**

**Lake Charles, LA** - [Return to List](#)



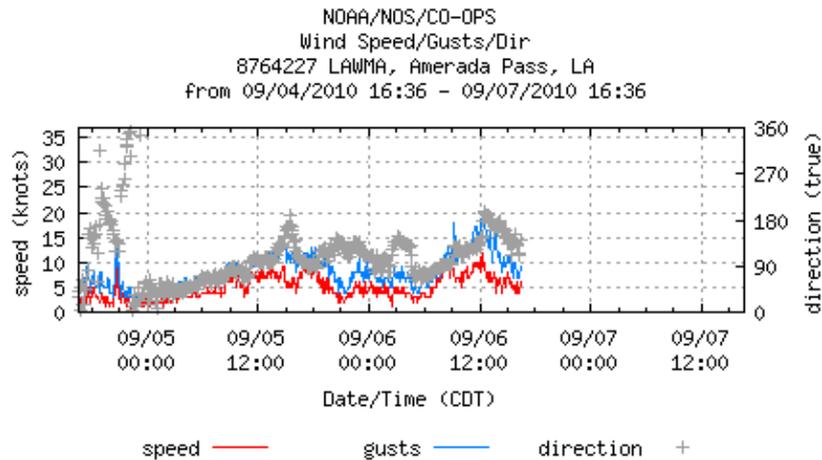
Last Observed Sample: 09/06/2010 16:24 (CDT)  
**Barometric Pressure: 1014.1 mb**

**LAWMA, Amerada Pass, LA** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
 Relative to **MLLW**: **Observed: 1.97 ft. Predicted: 1.00 ft. Residual: 0.97 ft.**  
 Historical Maximum Water Level: Sep 12 2008, 6.01 ft. above **MHHW**

**LAWMA, Amerada Pass, LA** - [Return to List](#)



Last Observed Sample: 09/06/2010 16:24 (CDT)  
**Wind Speed: 6 knots Gusts: 9 knots Direction: 142° T**

# Tropical Storm HERMINE QuickLook, POSTED 17:00 CDT 09/06/2010

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce